

## Abstract

To provide a coil bobbin structure that allows intersection of the wire to be avoided with a simple structure and improved reliability to be attained, while at the same time, allowing the possible use of automatic winding machines. In a coil bobbin 1 consisting of a bobbin main body 2 constituted by forming flanges 4 and 5 at both ends in the axial direction of a cylindrical winding drum portion 3, wherein at a portion of one of the flanges 4, a terminal support 6 is provided protruding in the outer direction of the diameter direction, said terminal support 6 being provided with 2 terminal pins 7 that are standing, at the same time, both ends of a magnet wire 9 that is wound around the outer circumference of the winding drum portion 3 of the bobbin main body 2, are respectively wound and fixed to the terminal pins 7, 2 terminal supports 6 are installed and the terminal pins 7 are provided respectively to each terminal support 6 so as to be standing, at the same time, a guide groove 6a is provided respectively to each terminal support 6, each extremity of the magnet wire 9 passes from the winding drum portion 3 through the gap between both terminal supports 6, is wound into each terminal support 6, passed through the guide groove 6a, is guided to the terminal pin 7 and is wound and fixed to said terminal pin 7.